

PREPARATION OF HIGHLY-CONCENTRATED DISPERSION OF PEARLAGENT

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Abstract

PURPOSE: To obtain the titled dispersion capable of providing a preparation system such as a detergent containing a cationic active agent, etc. with improved pearly luster, by crystallizing a pearl agent of a glycol higher fatty acid ester system in a blend of specific components with a specified composition under specific conditions.

CONSTITUTION: A raw material mixture containing (A) 10-40wt% glycolic acid higher fatty acid diester, (B) 5-30wt% ampholytic ionic copolymer, (C) 5-30wt% cationic active agent, and (D) 30-80wt% water is heated to \geq the melting point of the component A to give a uniform solution, which is cooled so that crystal with pearly luster is precipitated, to give highly-concentrated dispersion of pearl agent. The dispersion can provide a preparation system such as a cleaner, e.g., shampoo, rinse, lotion, cream, soap, etc. and cosmetic comprising a cationic active agent as a main component with pearly luster by adding 0.1-5wt% pearl agent to the preparation system.

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